

## V. THE HYOID ARCH OF THE MIOCENE CAMEL STENOMYLUS.

BY O. A. PETERSON.

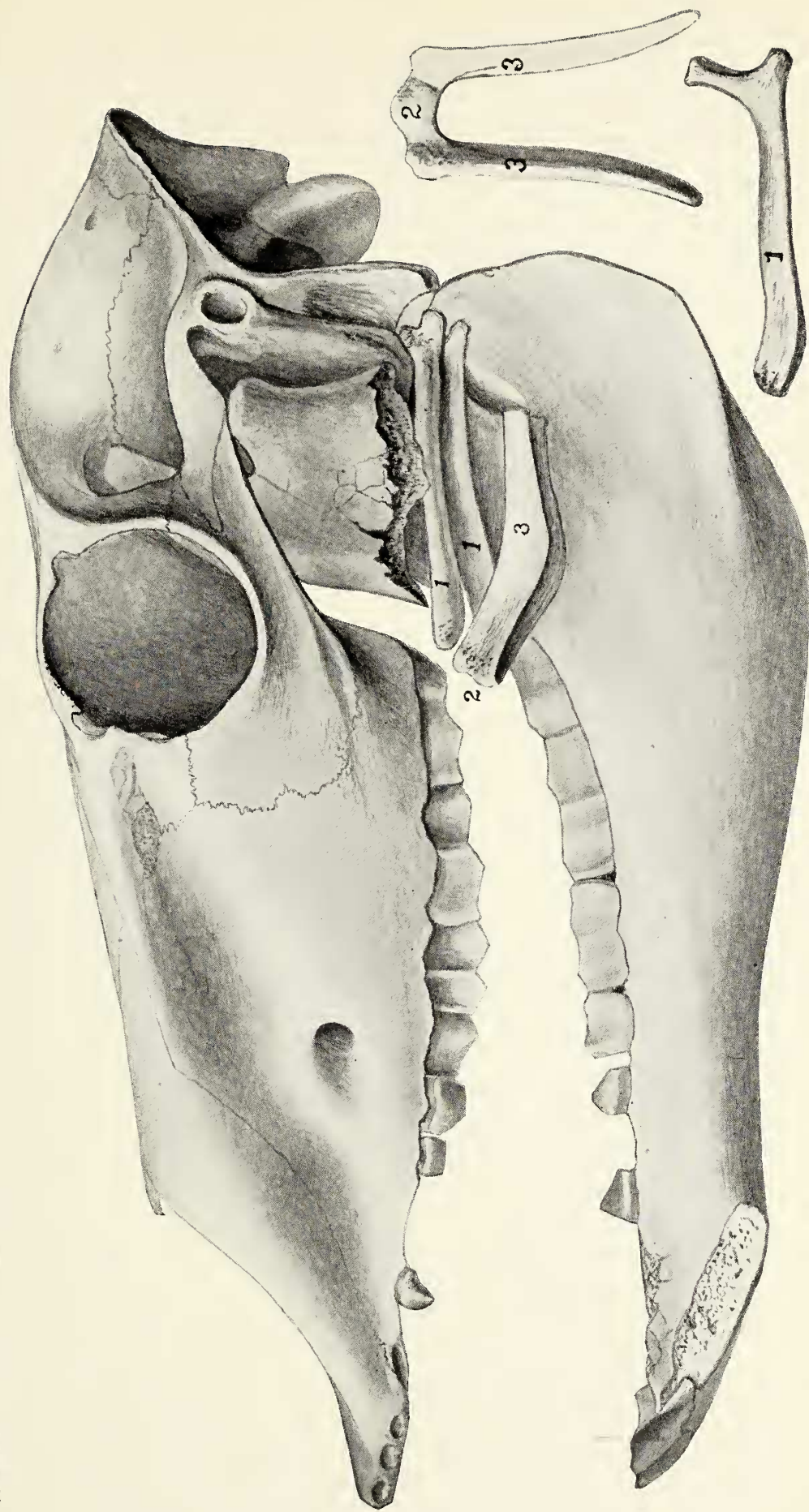
(PLATE VI.)

Until quite recently only stray hyoid bones have been found with the remains of *Stenomylus* obtained by the Carnegie Museum from the Stenomylus Quarry of Sioux County, Nebraska, opened by Professor F. B. Loomis and thoroughly explored by the writer. The work of patiently extracting a number of skeletons from the matrix, carried on intermittently by Mr. Serafino Agostini during recent years, reveals the skull and anterior cervicals of an individual, No. 11,015, with the greater portion of the hyoid arch in position. Herewith is submitted a brief description of these elements, hitherto unknown, in order to supplement the more or less complete account of this well known Miocene Camel, which has been brought to the knowledge of students by the labors of Professor F. B. Loomis and the writer.<sup>1</sup>

The tympanohyal is deeply set in the postero-external portion of the auditory bulla and is well surrounded by the mastoid and paroccipital portions of the temporal bone. The stylohyal is, as usual, rib-like and attenuate. In shape and proportions this bone is not unlike that in the Huanaco (*Lama huanachus* Molina), the inferior tubercle, or angle of the proximal end, being less developed than in the recent species. The shaft is long and is expanded distally to receive the cartilaginous connection with the epihyal. The latter bone, and the

<sup>1</sup> Loomis, F. B., *Osteology and Affinities of the Genus Stenomylus*. *Amer. Jour. Sci.*, Vol. XXIX, April, 1910, pp. 217-223, text-figures.

Peterson, O. A., *Stenomylus gracilis* gen. et sp. nov. ANNALS CARNEGIE MUSEUM, Vol. IV, 1906, pp. 41-44, plate XII and text-figure. *Description of the Type Specimen of Stenomylus gracilis Peterson l. c.*, Vol. IV, pp. 286-300, text-figures. *A Mounted Skeleton of Stenomylus hitchcocki, the Stenomylus Quarry, and Remarks upon the Affinities of the Genus, l. c.*, Vol. VII, May, 1911, pp. 267-273, plates XXXVII-XLIV and text-figures. *A Group of Stenomylins Recently Prepared and Exhibited in the Carnegie Museum, l. c.*, Vol. VIII, 1912, pp. 366-369, pls. XXI-XXII, text-figure.



*Stenomylus hitchcocki* Loomis. 1, Stylohyal; 2, Basihyal; 3, Thyrohyal. (C. M. No. 11,015, slightly reduced from natural size.)